

## PROJECT OVERSIGHT REPORT

**Offender Management Network Information (OMNI)  
Department of Corrections**

**Report as of Date:  
September 2002**

**Project Director:** Don Price  
**MOSTD Staff:** Stan Ditterline

**Executive Sponsor:** Joe Lehman

**Description:** The Offender Management Network Information (OMNI) project, formerly known as the Offender-Based Tracking System (OBTS) replacement project, will replace and improve the legacy systems and applications that the Department of Corrections (DOC) currently uses to monitor and track convicted offenders for the state of Washington. DOC has contracted with IBM Global Services to design four build-and-implement phases for OMNI. Each phase will provide measurable benefits.

The phases are:

- Phase I - Architecture definition, Offender Accountability Plan (OAP), and data warehouse implementation, training, overall application design, and Records and Chronological Entries (Chronos) software detailed requirements design.
- Phase II – Chronos, Records, Sentence Structure and Time Accounting, and Classification (change).
- Phase III – Release (change), Incident Reporting, Disciplinary, Grievance, Resource and Program Management, CCO Workload Assignments, Case Management, End of Sentence Review, Offender Groups, Presentence Investigation, Legal Financial Obligations, Movement/Capacity Management, Inmate Property, Interstate Compact/Boarder Administration, Offender Schedule, and Detainers and Warrants.
- Phase IV – Sex Offender Treatment, Mental Health Records, Chemical Dependency, Community Service, Indeterminate Sentence Review Board, Case File Audit, Inmate Trust Account/Inmate Store/Inmate Gratuity Calculation, Cost of Supervision Billing, Medical and Dental Records, Public Access, and Victim/Witness Notification.

**Technology:** The project employs an innovative use of a Virtual Private Network (VPN) to allow Olympia-based DOC staff to view and populate Lotus Notes project databases. These databases are being developed by the IBM Global Services Houston-based development team (the Houston team, using IBM proprietary development methodologies, has achieved the Software Engineering Institute Level 3 certification on the Capability Maturity Model). Using IBM Websphere software, the OMNI application will be delivered to DOC desktop clients via JAVA applets consistent with the ISB principle of deploying server side logic. The system employs the S/390 mainframe platform as an enterprise server and the DB2 database management system for databases and data warehouses. The Brio Intelligence v6.6 Suite of products by Brio Software are also employed for data warehouse development.

**Life Cycle Stage:** Phase II Design and Build

**Budget:** The budget is \$12.5 million for Phase II. Of this amount, \$9.5 million is allocated to the IBM Global Services contract. As of August 31, 2002, the budgeted expenses were \$7,984,287. Actual expenses were \$5,624,642. This amount does not include invoices received but not yet paid. The variance between the budgeted and actual expenses is due to modifications to delivery schedule after the budget was developed.

**Schedule:**

Phase II Milestones	<u>Schedule</u>	<u>Status</u>
1. Statement of Work signed	February 2002	Complete
2. Architecture documents approved	March 2002	Complete
3. Records and Risk Management Indicator (RMI) / Level of Severity Indicator Revised (LSI-R) Data models approved	June 2002	Complete
4. Grouped databases converted to work with DL/2	July 2002	Complete
5. Remaining databases converted to DL/2	August 2002	Complete
6. RMI application deployed	November 2002	In Progress
7. LSI-R application deployed	November 2002	In Progress
8. Final test plan approved	May 2003	
9. Acceptance test conducted	June 2003	
10. System test executed	June 2003	

**Status:** In accordance with the Risk Management Plan, a joint quarterly DOC/IBM project team Risk Management Workshop was conducted the week of August 19. A total of 17 new risks were identified. Nine of these had a high enough severity score based on the probability and overall impact to require a risk mitigation plan. The management team assigned an owner to each of the risks with the responsibility to develop a risk management plan and submit it to the management team for review and approval by October 2.

The IBM and DOC development teams continued work on the Risk Management Indicator (RMI) and Level of Severity Indicator Revised (LSI-R) modules that are targeted for completion in November. The DOC team completed their portion of the coding and unit test for the IMS database interface. IBM completed their portion of the design and began coding and unit testing. The last four Offender Based Tracking System IMS databases, offender, inmate, field offender and inmate banking were converted to DL/2. The integrated project schedule was reviewed and baselined. Changes to the integrated schedule now require approval from the Baseline Control Board. Several reviews and workshops were also conducted for the development teams during the period. These included: Sentence Structure/Time Accounting (SS/TA) review and workshop to update baseline requirements, Chronos use cases and screen definitions workshop, general use cases and screen definitions review, and common services logging subsystem design review.

Progress also continued on the data warehouse. The cleansing staging system/integration test plan was reviewed and baselined as well as the cleansing staging area model specifications. Coding, unit and system testing were also completed and for the cleansing staging area. The data warehouse model and specifications for questions one and two were reviewed and obtained architect approval.

**Recommendation:** DIS recommends that the joint DOC/IBM project team continue to closely monitor the integrated project schedule and take immediate action to address slippage of tasks on the critical path. The team also needs to ensure that mitigation plans be developed for the high severity risks that have been recently identified.